



PATENT  
ATTORNEY DOCKET NO. 024445-511

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Fredrik BJORK	)	Confirmation No.: 2379
	)	
Application No.: 10/509,658	)	Group Art Unit: 3672
	)	
Filed: 02/23/05	)	Examiner: Tsay, Frank
	)	
Title: Percussion Drill Bit and a Button Therefor	)	

Commissioner for Patents  
Alexandria, VA 22314

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee.

If there is any fee due in connection with the filing of this paper, please charge the fee to our Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

Dated: September 6, 2005

By: Ronald L. Grudziecki  
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Registration No. 24,970

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee: SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION AND NEW POWER OF ATTORNEY**

Under 37 CFR §3.73(b), SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG, a Swedish corporation, certified that it is the assignee of 100% of the right, title and interest in the patent applications and issued patents identified in the following chart by virtue of respective Assignment documents for each listed application and patent from the inventor(s) by mesne assignments to SANDVIK INTELLECTUAL PROPERTY AKTIEBOLAG submitted to the U.S. Patent and Trademark Office. The dates on which the assignments were submitted and the reel/frame numbers at which the assignments were recorded are indicated in the following chart.

# Pending

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024445-061	09/758,680	1 /11/2001		
024444-938	09/857,688	10/3 /2001		
029777-006	10/018,085	3 /21/2002		
024445-008	10/019,778	7 /3 /2002		
024445-033	10/112,941	4 /2 /2002		
032944-090.001	10/141,183	5 /9 /2002		
014975-074	10/173,873	6 /19/2002		
024445-099	10/181,894	10/3 /2002		
029777-011	10/203,509	12/16/2002		
024445-095	10/229,154	8 /28/2002		
024445-109	10/232,726	9 /3 /2002		
024445-112	10/232,727	9 /3 /2002		
024445-348	10/250,923	12/3 /2003		
024445-347	10/250,925	12/3 /2003		
029777-012	10/257,112	2 /21/2003		
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024445-134	10/257,267	12/9 /2002		
007919-075	10/259,308	9 /30/2002		
024445-132	10/259,383	9 /30/2002		
024445-232	10/299,833	11/20/2002		
024445-248	10/301,736	11/22/2002		
024445-253	10/312,532	3 /18/2003		
024445-257	10/315,074	12/10/2002		
024445-252	10/315,100	12/10/2002		
024445-106	10/325,730	12/23/2002		
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024445-498	10/502,767	10/19/2004		
024445-499	10/505,152	10/19/2004		
024445-511	10/509,658	2 /23/2005	<i>Asst filed 6/30/05</i>	
024445-513	10/512,349	2 /23/2005		
024445-528	10/515,233	3 /16/2005		
024445-533	10/518,235	5 /27/2005		
024445-538	10/519,711	12/30/2004		
034369-006	10/525,967	2 /28/2005		
034369-002	10/525,975	2 /28/2005		
034369-003	10/525,976	2 /28/2005		
034369-005	10/525,977	2 /28/2005		
034369-004	10/525,978	2 /28/2005		
029777-021	10/533,295	4 /29/2005		
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024445-227	10/616,988	7 /11/2003		
024445-375	10/641,138	8 /15/2003		
029777-015	10/642,343	8 /18/2003		
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024445-398	10/679,282	10/7 /2003		

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024445-399	10/679,326	10/7 /2003		
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014975-098	10/840,640	5 /7 /2004		
024445-474	10/841,574	5 /10/2004		
024445-482	10/845,556	5 /14/2004		
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024445-007.001	10/851,099	5 /24/2004		
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024445-529	10/991,438	11/19/2004		
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029777-020	11/007,235	12/9 /2004		
024445-526	11/011,137	12/15/2004		
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024445-543	11/034,723	1 /14/2005		
024445-515	11/042,212	1 /26/2005		
024445-544	11/042,213	1 /26/2005		
014975-110	11/046,684	2 /1 /2005		
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024445-570	11/109,803	4 /20/2005		
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024445-581	11/127,141	5 /12/2005		
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024445-565	11/131,307	5 /18/2005		
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029777-022	11/136,590	5 /25/2005		
024445-584	11/142,191	6 /2 /2005		
029777-023	11/152,250	6 /15/2005		
024445-568	11/156,736	6 /21/2005		
024445-571	11/165,353	6 /24/2005		
024445-574	11/165,485	6 /24/2005		
024445-573	11/165,489	6 /24/2005		
024445-509	29/212,831	9 /9 /2004		
024445-537	29/219,628	12/21/2004		
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024445-590	N/A	6 /27/2005		
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024445-587	N/A	7 /5 /2005		

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024000-446	922,670	10/24/1986	4,728,127	3 /1 /1988		
024000-489.001	066,475	6 /26/1987	4,764,434	8 /16/1988		
024000-466.001	066,478	6 /26/1987	4,766,040	8 /23/1988		
024000-513	078,719	7 /28/1987	4,776,733	10/11/1988		
024000-326	775,687	9 /13/1985	4,784,517	11/15/1988		
024000-495	055,153	5 /28/1987	4,795,290	1 /3 /1989		
024000-482	030,582	3 /27/1987	4,804,645	2 /14/1989		
024000-510	061,779	6 /15/1987	4,818,497	4 /4 /1989		
024000-549	152,477	2 /5 /1988	4,831,674	5 /23/1989		
024000-565	181,379	4 /14/1988	4,834,597	5 /30/1989		
024000-514	080,392	7 /29/1987	4,844,668	7 /4 /1989		
024000-601	253,586	10/5 /1988	4,884,461	12/5 /1989		
024000-570	195,609	5 /18/1988	4,889,455	12/26/1989		
024000-591	221,408	7 /19/1988	4,913,125	4 /3 /1990		
024000-642	349,094	5 /9 /1989	4,920,838	5 /1 /1990		
024000-609	268,717	11/9 /1988	4,934,883	6 /19/1990		
024000-577	200,919	6 /1 /1988	4,938,110	7 /3 /1990		
024000-214	586,818	3 /6 /1984	4,938,538	7 /3 /1990		
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024000-666	386,424	7 /28/1989	4,951,762	8 /28/1990		
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024000-640	332,178	4 /3 /1989	4,964,925	10/23/1990		
024000-659	376,573	7 /7 /1989	4,968,068	11/6 /1990		
024000-725	488,996	3 /6 /1990	4,978,262	12/18/1990		
024000-679	409,944	9 /19/1989	4,988,242	1 /29/1991		
024000-652	351,486	5 /15/1989	4,993,890	2 /19/1991		
024000-670	400,066	8 /29/1989	5,007,775	4 /16/1991		
024000-677	413,005	9 /26/1989	5,011,340	4 /30/1991		
024000-717	477,752	2 /9 /1990	5,026,224	6 /25/1991		
024000-741	528,489	5 /25/1990	5,029,500	7 /9 /1991		
024000-705	449,820	12/13/1989	5,044,056	9 /3 /1991		
024000-612	257,830	10/14/1988	5,047,096	9 /10/1991		
024000-560.001	529,722	5 /29/1990	5,054,217	10/8 /1991		
024000-695.001	477,415	2 /9 /1990	5,059,069	10/22/1991		
024000-648	384,658	7 /25/1989	5,064,004	11/12/1991		
024000-754	539,567	6 /15/1990	5,071,696	12/10/1991		



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024000-735	513,868	4 /24/1990	5,074,623	12/24/1991		
024000-708	453,977	12/20/1989	5,080,589	1 /14/1992		
024000-703	440,310	11/22/1989	5,082,243	1 /21/1992		
024000-786	658,651	2 /21/1991	5,104,458	4 /14/1992		
024000-728	497,620	3 /23/1990	5,106,303	4 /21/1992		
024000-573.001	723,241	6 /28/1991	5,110,770	5 /5 /1992		
024000-742	528,476	5 /25/1990	5,119,703	6 /9 /1992		
024000-772	598,115	10/16/1990	5,141,901	8 /25/1992		
024000-787	661,000	2 /26/1991	5,147,475	9 /15/1992		
024000-736	511,096	4 /19/1990	5,154,245	10/13/1992		
024000-729.001	708,058	5 /30/1991	5,161,859	11/10/1992		
024000-840	813,921	12/27/1991	5,167,067	12/1 /1992		
024000-802	717,644	6 /19/1991	5,190,419	3 /2 /1993		
024000-829	801,873	12/3 /1991	5,199,827	4 /6 /1993		
024000-810	726,401	7 /5 /1991	5,205,680	4 /27/1993		
024000-803	709,291	6 /3 /1991	5,207,285	5 /4 /1993		
024000-808	715,654	6 /14/1991	5,217,081	6 /8 /1993		
024000-818	753,102	8 /30/1991	5,217,375	6 /8 /1993		
024000-723	577,530	9 /5 /1990	5,224,402	7 /6 /1993		
024000-861	864,550	4 /7 /1992	5,231,060	7 /27/1993		
024000-788.001	895,426	6 /5 /1992	5,242,655	9 /7 /1993		
024000-824	801,871	12/3 /1991	5,246,315	9 /21/1993		
024000-849	833,750	2 /11/1992	5,248,289	9 /28/1993		
024000-841	822,851	1 /21/1992	5,254,142	10/19/1993		
024000-855	845,655	3 /4 /1992	5,256,008	10/26/1993		
024000-822	774,897	10/11/1991	5,264,283	11/23/1993		
024000-905	986,484	12/7 /1992	5,267,817	12/7 /1993		
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024000-692	425,237	10/23/1989	5,275,633	1 /4 /1994		
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024000-835	808,748	12/16/1991	5,302,060	4 /12/1994		
024000-902	938,124	10/9 /1992	5,305,841	4 /26/1994		
024000-871	886,885	5 /22/1992	5,306,326	4 /26/1994		

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024000-929	08/021,560	2 /24/1993	5,330,297	7 /19/1994		
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024000-970	08/094,156	9 /10/1993	5,340,246	8 /23/1994		
024000-951	08/079,607	6 /22/1993	5,342,201	8 /30/1994		
024000-858	857,275	3 /25/1992	5,346,517	9 /13/1994		
024000-946	08/063,295	5 /19/1993	5,353,668	10/11/1994		
024000-956	08/075,561	9 /27/1993	5,358,063	10/25/1994		
024000-939	08/053,425	4 /28/1993	5,360,298	11/1 /1994		
024000-921	08/004,302	1 /14/1993	5,365,805	11/22/1994		
024000-935.002	08/053,232	4 /28/1993	5,375,948	12/27/1994		
024000-819.001	995,914	12/22/1992	5,380,408	1 /10/1995		
024000-920	992,106	12/17/1992	5,395,186	3 /7 /1995		
024000-978	08/128,656	9 /30/1993	5,395,421	3 /7 /1995		
032944-076	07/122,063	9 /14/1993	5,399,061	3 /21/1995		
024000-983	08/124,542	9 /22/1993	5,401,461	3 /28/1995		
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024000-940	08/053,268	4 /28/1993	5,411,354	5 /2 /1995		
024000-953	08/071,978	6 /7 /1993	5,411,701	5 /2 /1995		
024000-974	08/145,225	11/3 /1993	5,417,475	5 /23/1995		
024444-002	08/180,341	1 /12/1994	5,418,197	5 /23/1995		
024444-001	08/180,337	1 /12/1994	5,420,083	5 /30/1995		
024444-078	08/311,578	9 /23/1994	5,421,679	6 /6 /1995		
024000-934	08/053,265	4 /28/1993	5,423,639	6 /13/1995		
024000-982	08/123,096	9 /20/1993	5,423,640	6 /13/1995		
024444-018	08/202,634	2 /28/1994	5,429,458	7 /4 /1995		
024444-048	08/244,819	8 /19/1994	5,435,401	7 /25/1995		
022620-001	08/010,389	1 /28/1993	5,437,744	8 /1 /1995		
004925-008	979,868	2 /26/1993	5,439,499	8 /8 /1995		
024444-035	08/230,209	4 /20/1994	5,441,370	8 /15/1995		
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024444-017	08/246,135	5 /19/1994	5,449,647	9 /12/1995		
024000-991	08/159,257	11/30/1993	5,451,469	9 /19/1995		
024000-994	08/157,010	11/30/1993	5,454,671	10/3 /1995		
024000-948	08/077,683	6 /16/1993	5,462,574	10/31/1995		
024444-008	08/185,214	1 /24/1994	5,466,097	11/14/1995		
024000-949	08/079,604	6 /22/1993	5,470,372	11/28/1995		
024444-087	08/325,364	10/26/1994	5,475,912	12/19/1995		
024000-964	08/082,100	6 /28/1993	5,476,346	12/19/1995		
024444-069	08/309,480	9 /21/1994	5,477,934	12/26/1995		
024000-886.001	08/251,661	5 /31/1994	5,482,748	1 /9 /1996		
024444-013	08/192,628	2 /7 /1994	5,484,468	1 /16/1996		
024000-993	08/159,217	11/30/1993	5,487,625	1 /30/1996		
024444-067	08/301,608	9 /7 /1994	5,487,626	1 /30/1996		
024444-055	08/281,276	7 /27/1994	5,496,131	3 /5 /1996		
024000-954.001	08/297,905	8 /29/1994	5,496,638	3 /5 /1996		
024000-984	08/141,603	10/27/1993	5,505,569	4 /9 /1996		
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024444-021.001	08/199,296	3 /3 /1994	5,512,237	4 /30/1996		
024444-038	08/237,999	5 /4 /1994	5,524,518	6 /11/1996		
024444-036	08/233,332	4 /26/1994	5,529,439	6 /25/1996		
024444-107	08/412,930	3 /29/1995	5,529,804	6 /25/1996		
024000-805.001	08/128,741	9 /30/1993	5,543,176	8 /6 /1996		
024444-011	08/185,371	1 /24/1994	5,544,984	8 /13/1996		
024000-927.001	08/258,598	6 /10/1994	5,549,980	8 /27/1996		
024444-047	08/257,531	6 /9 /1994	5,564,320	10/15/1996		
024000-821.002	08/303,001	9 /9 /1994	5,565,152	10/15/1996		
024444-063	08/299,063	8 /31/1994	5,567,092	10/22/1996		
024444-043	08/249,214	5 /26/1994	5,569,000	10/29/1996		
024444-143	08/452,136	5 /26/1995	5,575,342	11/19/1996		
024444-118	08/405,782	3 /17/1995	5,576,058	11/19/1996		
024000-851.002	08/516,508	8 /17/1995	5,578,265	11/26/1996		
024444-052	08/262,942	6 /21/1994	5,582,656	12/10/1996		
024444-089	08/325,236	11/17/1994	5,584,175	12/17/1996		

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MAT/TERNO	SERIALNO	FILED	PATENTNO	ISSUED:	RECORDED	REEL/FRAME
024444-133	08/464,965	6 /5 /1995	5,584,907	12/17/1996		
024444-116	08/393,685	2 /24/1995	5,586,844	12/24/1996		
024444-177	08/566,952	12/4 /1995	5,591,320	1 /7 /1997		
024444-127	08/465,356	6 /5 /1995	5,594,929	1 /14/1997		
024444-137	08/492,521	6 /20/1995	5,616,526	4 /1 /1997		
024444-136	08/437,307	5 /9 /1995	5,622,461	4 /22/1997		
024444-192	08/568,293	12/6 /1995	5,624,068	4 /29/1997		
024444-172	08/557,579	11/14/1995	5,632,824	5 /27/1997		
024444-080	08/319,648	10/7 /1994	5,632,826	5 /27/1997		
024444-141.001	08/698,254	8 /14/1996	5,634,745	6 /3 /1997		
024444-129	08/436,214	5 /15/1995	5,634,747	6 /3 /1997		
024444-051	08/264,148	6 /22/1994	5,637,037	6 /10/1997		
024444-204	08/610,234	3 /4 /1996	5,645,132	7 /8 /1997		
024444-031.001	08/540,320	10/6 /1995	5,648,029	7 /15/1997		
024444-091	08/343,921	11/17/1994	5,649,279	7 /15/1997		
024444-162	08/532,359	9 /22/1995	5,654,035	8 /5 /1997		
024444-132	08/464,564	6 /5 /1995	5,658,395	8 /19/1997		
024444-151	08/495,840	6 /28/1995	5,659,872	8 /19/1997		
024444-158	08/513,960	11/2 /1995	5,667,343	9 /16/1997		
024444-220	08/630,327	4 /10/1996	5,669,742	9 /23/1997		
024444-146	08/452,853	5 /30/1995	5,674,564	10/7 /1997		
024444-214	08/610,239	3 /4 /1996	5,676,499	10/14/1997		
024444-224	08/721,528	9 /26/1996	5,676,519	10/14/1997		
024444-196	08/589,870	1 /23/1996	5,682,590	10/28/1997		
024444-145.001	08/451,462	5 /26/1995	5,685,672	11/11/1997		
024444-176	08/549,216	10/27/1995	5,685,674	11/11/1997		
024444-022.001	08/622,930	3 /27/1996	5,688,080	11/18/1997		
024444-244	08/662,523	6 /13/1996	5,688,729	11/18/1997		
024444-456.001	445,523	5 /22/1995	5,693,417	12/2 /1997		
024000-997.001	08/593,905	1 /30/1996	5,694,639	12/2 /1997		
024444-168	08/526,390	9 /11/1995	5,697,737	12/16/1997		
024444-456	445,521	5 /22/1995	5,698,314	12/16/1997		
024444-171	08/557,580	11/14/1995	5,702,808	12/30/1997		
024444-104	08/407,657	3 /21/1995	5,705,263	1 /6 /1998		
013715-001	08/705,989	8 /30/1996	5,716,053	2 /10/1998		
024000-807.002	08/214,157	3 /17/1994	5,718,948	2 /17/1998		

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MATTERNO	SERIALNO	FILED	PATENTNO	ISSUED	RECORDED	REEL/FRAE
024444-205	08/616,095	3 /14/1996	5,729,823	3 /17/1998		
024444-270	08/709,873	9 /9 /1996	5,743,162	4 /28/1998		
024444-173.001	08/837,092	4 /14/1997	5,743,681	4 /28/1998		
024444-324	08/778,677	1 /3 /1997	5,759,308	6 /2 /1998		
024444-256	08/703,966	8 /28/1996	5,759,621	6 /2 /1998		
024444-216	08/616,312	3 /15/1996	5,761,593	6 /2 /1998		
029777-003.001	08/427,561	4 /24/1995	5,761,981	6 /9 /1998		
024444-066.001	08/851,559	5 /6 /1997	5,765,972	6 /16/1998		
024444-093	08/366,107	12/29/1994	5,766,782	6 /16/1998		
024444-081.001	08/826,407	3 /24/1997	5,771,763	6 /30/1998		
024444-110.001	08/853,869	5 /9 /1997	5,772,366	6 /30/1998		
024444-264	08/703,965	8 /28/1996	5,786,069	7 /28/1998		
024444-191	08/570,430	12/11/1995	5,786,076	7 /28/1998		
024444-325	08/772,286	12/20/1996	5,794,728	8 /18/1998		
024444-304	08/746,265	11/8 /1996	5,795,109	8 /18/1998		
024444-291	08/727,572	3 /10/1997	5,795,116	8 /18/1998		
024444-131	08/504,779	7 /20/1995	5,795,384	8 /18/1998		
024444-381	08/873,467	6 /12/1997	5,800,868	9 /1 /1998		
024444-223	08/675,690	7 /3 /1996	5,803,230	9 /8 /1998		
013715-002	08/848,741	5 /1 /1997	5,807,041	9 /15/1998		
024444-276	08/719,976	9 /24/1996	5,810,518	9 /22/1998		
024444-012.002	08/772,472	12/23/1996	5,810,521	9 /22/1998		
024444-394	08/888,055	7 /3 /1997	5,813,105	9 /29/1998		
024444-125.001	08/746,158	11/6 /1996	5,816,755	10/6 /1998		
024444-314	08/755,743	11/22/1996	5,827,017	10/27/1998		
024444-412	08/898,408	7 /22/1997	5,834,061	11/10/1998		
024444-161	08/593,465	1 /29/1996	5,837,071	11/17/1998		
024444-298	08/746,268	11/8 /1996	5,839,519	11/24/1998		
024444-391	08/909,659	8 /12/1997	5,839,523	11/24/1998		
024444-259	08/770,849	12/20/1996	5,851,285	12/22/1998		
024444-092	08/348,084	11/25/1994	5,851,687	12/22/1998		
024444-258	08/772,099	12/20/1996	5,853,477	12/29/1998		
024444-313	08/772,101	12/20/1996	5,856,626	1 /5 /1999		
024444-312	08/777,735	12/20/1996	5,858,539	1 /12/1999		
024444-144	08/497,934	7 /5 /1995	5,861,210	1 /19/1999		
024444-233	08/675,034	7 /3 /1996	5,863,640	1 /26/1999		

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024444-345	08/888,051	7 /3 /1997	5,865,574	2 /2 /1999		
024444-285	08/746,141	11/6 /1996	5,870,423	2 /9 /1999		
024444-334	08/798,135	2 /12/1997	5,871,309	2 /16/1999		
024444-323	08/765,590	4 /17/1997	5,876,524	3 /2 /1999		
024444-350	08/809,578	3 /26/1997	5,881,828	3 /16/1999		
024444-243	08/656,358	6 /14/1996	5,885,136	3 /23/1999		
024444-197.001	08/781,747	1 /10/1997	5,885,653	3 /23/1999		
024444-271	08/721,766	9 /25/1996	5,887,242	3 /23/1999		
024444-295	08/748,950	11/15/1996	5,887,698	3 /30/1999		
024444-343	08/812,730	3 /6 /1997	5,890,551	4 /6 /1999		
024444-272.001	08/928,669	9 /12/1997	5,894,034	4 /13/1999		
024444-293	08/751,104	11/15/1996	5,894,919	4 /20/1999		
024444-326	08/765,194	2 /28/1997	5,897,272	4 /27/1999		
024444-234	08/675,678	7 /3 /1996	5,902,671	5 /11/1999		
024444-292	08/748,904	11/15/1996	5,909,796	6 /8 /1999		
024444-357	08/867,417	6 /2 /1997	5,911,867	6 /15/1999		
024444-461	09/034,230	3 /4 /1998	5,912,051	6 /15/1999		
024444-363	08/880,297	6 /24/1997	5,914,286	6 /22/1999		
024444-330	08/787,220	1 /22/1997	5,919,578	7 /6 /1999		
024444-455	08/998,648	12/29/1997	5,921,332	7 /13/1999		
032944-011	08/887,069	7 /2 /1997	5,921,632	7 /13/1999		
024444-286	08/738,839	10/28/1996	5,924,826	7 /20/1999		
024000-971.001	08/430,308	4 /28/1995	5,925,197	7 /20/1999		
024444-366	08/852,610	5 /7 /1997	5,931,243	8 /3 /1999		
024444-472	09/034,395	3 /4 /1998	5,931,613	8 /3 /1999		
024444-387	08/884,388	6 /27/1997	5,934,388	8 /10/1999		
024444-477	09/044,011	3 /19/1998	5,934,843	8 /10/1999		
024444-487	09/051,204	6 /1 /1998	5,934,844	8 /10/1999		
024000-937.002	08/746,159	11/6 /1996	5,934,847	8 /10/1999		
024444-369	08/886,192	7 /1 /1997	5,942,318	8 /24/1999		
024444-432	08/947,026	10/8 /1997	5,944,126	8 /31/1999		
024444-450	08/987,613	12/9 /1997	5,944,457	8 /31/1999		
024444-413	08/923,922	9 /5 /1997	5,945,207	8 /31/1999		
024444-441	08/965,110	11/6 /1997	5,947,215	9 /7 /1999		
024444-493	09/097,666	6 /16/1998	5,948,715	9 /7 /1999		
024444-417	08/912,562	8 /18/1997	5,950,745	9 /14/1999		

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024444-185.001	08/904,456	8 /1 /1997	5,951,788	9 /14/1999		
024444-252	08/669,538	7 /12/1996	5,957,629	9 /28/1999		
024444-526	09/131,699	8 /10/1998	5,962,071	10/5 /1999		
024444-321	08/750,617	2 /24/1997	5,964,553	10/12/1999		
024444-358	08/836,809	8 /11/1997	5,964,649	10/12/1999		
024444-338	08/818,865	3 /17/1997	5,965,471	10/12/1999		
024444-474	09/058,854	4 /13/1998	5,967,705	10/19/1999		
024444-482	09/047,221	3 /25/1998	5,968,595	10/19/1999		
024444-339	08/793,123	2 /19/1997	5,971,670	10/26/1999		
024444-351	08/817,949	4 /28/1997	5,971,672	10/26/1999		
024444-414	08/894,048	8 /12/1997	5,975,223	11/2 /1999		
024444-495	09/075,221	5 /11/1998	5,976,213	11/2 /1999		
024444-306	08/750,256	2 /19/1997	5,976,455	11/2 /1999		
013715-004	09/159,390	9 /23/1998	5,980,165	11/9 /1999		
024444-426	08/947,880	10/9 /1997	5,980,988	11/9 /1999		
024444-452	08/973,976	4 /22/1998	5,984,024	11/16/1999		
024444-419	08/913,286	9 /11/1997	5,984,030	11/16/1999		
018300-030	08/769,447	12/19/1996	5,984,592	11/16/1999		
024444-384	08/879,891	6 /20/1997	5,988,301	11/23/1999		
024444-483	09/049,004	3 /27/1998	5,993,118	11/30/1999		
024444-488	09/058,851	4 /13/1998	5,993,120	11/30/1999		
024444-356	08/862,242	5 /23/1997	5,993,638	11/30/1999		
024444-548	09/169,952	10/13/1998	5,993,730	11/30/1999		
024444-352	08/837,094	4 /14/1997	5,993,970	11/30/1999		
013715-006	09/172,295	10/14/1998	6,004,080	12/21/1999		
024444-458	08/983,038	3 /27/1998	6,004,081	12/21/1999		
024444-411	08/875,139	2 /2 /1998	6,004,371	12/21/1999		
024444-547	09/152,066	9 /11/1998	6,007,766	12/28/1999		
024444-457	08/981,844	2 /9 /1998	6,007,909	12/28/1999		
024444-361	08/842,357	4 /24/1997	6,016,720	1 /25/2000		
024444-368	08/836,888	6 /3 /1997	6,017,171	1 /25/2000		
024444-500	09/075,247	5 /11/1998	6,017,488	1 /25/2000		
024444-463	09/011,498	5 /6 /1998	6,021,855	2 /8 /2000		
024444-353	08/849,770	9 /18/1997	6,033,735	3 /7 /2000		
024444-630	09/276,676	3 /26/1999	6,043,176	3 /28/2000		
024444-459	09/008,626	1 /16/1998	6,045,308	4 /4 /2000		

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024444-519	09/101,968	7/21/1998	6,050,751	4/18/2000		
024444-512	09/045,639	3/23/1998	6,051,079	4/18/2000		
024444-444	08/972,320	11/18/1997	6,053,669	4/25/2000		
024444-427	08/913,443	10/20/1997	6,056,628	5/2/2000		
024444-471	09/099,686	6/18/1998	6,062,322	5/16/2000		
024444-498	09/077,370	9/1/1998	6,062,776	5/16/2000		
013715-008	09/222,764	12/30/1998	6,065,906	5/23/2000		
024444-586	09/232,008	1/14/1999	6,066,582	5/23/2000		
024444-581	09/214,594	5/6/1999	6,071,469	6/6/2000		
024444-390	08/912,404	8/18/1997	6,073,711	6/13/2000		
024444-359	08/836,124	8/7/1997	6,074,138	6/13/2000		
024444-523	09/131,419	8/10/1998	6,076,618	6/20/2000		
024444-582	09/214,516	5/14/1999	6,076,999	6/20/2000		
013715-007	09/172,293	10/14/1998	6,086,290	7/11/2000		
013715-005	09/159,389	9/23/1998	6,086,291	7/11/2000		
024444-656	09/340,724	6/29/1999	6,086,650	7/11/2000		
024444-447	08/993,243	12/18/1997	6,086,980	7/11/2000		
024444-451	08/992,818	12/18/1997	6,090,476	7/18/2000		
024444-231.001	09/245,124	1/14/1999	6,095,958	8/1/2000		
024444-528	09/148,993	9/8/1998	6,102,141	8/15/2000		
024444-486	09/060,360	4/15/1998	6,103,357	8/15/2000		
024444-609	09/252,476	2/18/1999	6,105,693	8/22/2000		
024444-564	09/196,116	11/20/1998	6,109,836	8/29/2000		
024444-257	08/772,102	12/20/1996	6,110,275	8/29/2000		
024444-628	09/268,732	3/17/1999	6,112,832	9/5/2000		
024444-520	09/121,189	7/23/1998	6,112,835	9/5/2000		
024444-545	09/168,061	10/8/1998	6,113,195	9/5/2000		
024444-501	09/083,115	5/22/1998	6,113,319	9/5/2000		
024444-346	08/809,575	3/26/1997	6,119,798	9/19/2000		
024444-603	09/261,615	3/3/1999	6,125,952	10/3/2000		
024444-516	09/101,896	7/20/1998	6,126,366	10/3/2000		
024444-626	09/271,924	3/18/1999	6,129,619	10/10/2000		
024444-682	09/378,761	8/23/1999	6,129,891	10/10/2000		
024444-730	09/503,343	2/14/2000	6,131,672	10/17/2000		
024000-945	08/077,681	6/16/1993	6,132,293	10/17/2000		
024444-566	09/194,926	5/14/1999	6,135,678	10/24/2000		



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MATERNALNO	SERIALNO	FILED	PATENTNO	ISSUED	RECORDED	REEL/FRAME
024444-667	09/331,209	9 /2 /1999	6,139,315	10/31/2000		
024444-562	09/197,639	11/23/1998	6,139,921	10/31/2000		
024444-506	09/095,502	6 /11/1998	6,145,603	11/14/2000		
024444-563	09/192,585	11/17/1998	6,145,605	11/14/2000		
024444-676	09/352,777	7 /14/1999	6,146,061	11/14/2000		
024444-649	09/301,457	4 /29/1999	6,146,065	11/14/2000		
024444-573	09/204,358	12/4 /1998	6,146,582	11/14/2000		
024444-415	08/894,409	8 /20/1997	6,155,754	12/5 /2000		
024444-639	09/299,150	4 /26/1999	6,164,392	12/26/2000		
024444-641	09/337,676	6 /22/1999	6,168,356	1 /2 /2001		
024444-561	09/204,355	12/4 /1998	6,169,048	1 /2 /2001		
024444-600	09/249,048	2 /12/1999	6,174,386	1 /16/2001		
024444-499	09/077,360	9 /1 /1998	6,177,178	1 /23/2001		
024444-657	09/326,678	6 /7 /1999	6,182,776	2 /6 /2001		
024444-550	09/155,542	1 /15/1999	6,187,254	2 /13/2001		
024444-686	09/387,503	9 /1 /1999	6,193,446	2 /27/2001		
024444-645	09/326,677	6 /7 /1999	6,193,451	2 /27/2001		
024444-677	09/358,464	7 /22/1999	6,193,777	2 /27/2001		
024444-652	09/305,464	5 /6 /1999	6,196,770	3 /6 /2001		
024444-507	09/112,453	7 /9 /1998	6,197,083	3 /6 /2001		
024444-599	09/242,535	10/20/1999	6,197,132	3 /6 /2001		
024444-695	09/407,766	9 /29/1999	6,199,656	3 /13/2001		
024444-679	09/372,608	8 /12/1999	6,200,077	3 /13/2001		
024444-497	09/077,424	9 /1 /1998	6,200,671	3 /13/2001		
024003-086	09/305,333	5 /5 /1999	6,202,327	3 /20/2001		
024444-625	09/274,325	3 /23/1999	6,202,768	3 /20/2001		
024444-578	09/214,622	8 /10/1999	6,207,102	3 /27/2001		
024444-571	09/221,157	12/28/1998	6,209,703	4 /3 /2001		
024444-579	09/214,924	4 /1 /1999	6,210,632	4 /3 /2001		
024444-557	09/187,006	11/6 /1998	6,210,726	4 /3 /2001		
024444-744	09/544,171	4 /6 /2000	6,214,287	4 /10/2001		
024444-661	09/326,679	6 /7 /1999	6,217,263	4 /17/2001		
024444-710	09/443,312	11/19/1999	6,220,376	4 /24/2001		
024444-664	09/332,594	6 /14/1999	6,220,426	4 /24/2001		
024444-580	09/214,923	4 /20/1999	6,221,479	4 /24/2001		
024444-598	09/242,630	5 /28/1999	6,221,493	4 /24/2001		

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MATTEO NO	SERIAL NO	FILED	PATENT NO	ISSUED	RECORDED	REEL/FRAME
024444-607	09/254,539	6 /7 /1999	6,224,972	5 /1 /2001		
024444-702	09/403,993	10/29/1999	6,227,771	5 /8 /2001		
024444-754	09/558,228	4 /26/2000	6,228,139	5 /8 /2001		
024444-594	09/244,627	2 /4 /1999	6,231,807	5 /15/2001		
024444-654	09/316,965	5 /24/1999	6,238,147	5 /29/2001		
024444-532	09/151,098	9 /10/1998	6,238,489	5 /29/2001		
024444-752	09/486,609	5 /18/2000	6,238,601	5 /29/2001		
024444-671	09/347,274	7 /6 /1999	6,241,033	6 /5 /2001		
024000-846.002	09/506,441	2 /18/2000	6,241,799	6 /5 /2001		
024444-601	09/242,631	5 /6 /1999	6,242,112	6 /5 /2001		
024444-665	09/332,158	6 /14/1999	6,244,423	6 /12/2001		
013715-009	09/222,768	12/30/1998	6,244,780	6 /12/2001		
024444-714	09/445,595	12/13/1999	6,244,791	6 /12/2001		
024444-672	09/350,900	7 /12/1999	6,247,196	6 /19/2001		
024444-632	09/349,967	7 /9 /1999	6,249,950	6 /26/2001		
024444-720	09/465,319	12/17/1999	6,250,407	6 /26/2001		
024444-733	09/534,006	3 /24/2000	6,250,855	6 /26/2001		
024444-663	09/332,533	6 /14/1999	6,253,904	7 /3 /2001		
024444-638	09/349,106	7 /8 /1999	6,261,673	7 /17/2001		
024444-577	09/214,621	4 /1 /1999	6,267,797	7 /31/2001		
024444-731	09/496,199	2 /2 /2000	6,270,294	8 /7 /2001		
024444-741	09/500,993	2 /9 /2000	6,272,726	8 /14/2001		
024444-753	09/543,101	4 /4 /2000	6,273,930	8 /14/2001		
024444-700	09/427,756	10/27/1999	6,280,122	8 /28/2001		
024444-739	09/520,878	4 /5 /2000	6,287,489	9 /11/2001		
024444-705	09/427,483	10/27/1999	6,290,436	9 /18/2001		
024444-763	09/563,347	5 /3 /2000	6,290,902	9 /18/2001		
024444-627	09/275,004	3 /24/1999	6,293,360	9 /25/2001		
024444-718	09/482,083	1 /13/2000	6,294,129	9 /25/2001		
024444-737	09/485,120	4 /6 /2000	6,296,953	10/2 /2001		
024444-597	09/242,683	8 /25/1999	6,299,992	10/9 /2001		
024444-738	09/485,123	2 /4 /2000	6,303,237	10/16/2001		
024444-605	09/265,947	3 /11/1999	6,308,450	10/30/2001		
024444-866	09/698,016	10/30/2000	6,309,159	10/30/2001		
024444-698	09/403,922	5 /30/2000	6,312,199	11/6 /2001		
024444-812	09/605,981	6 /29/2000	6,312,532	11/6 /2001		

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024444-202	08/616,012	3 /14/1996	6,333,098	12/25/2001		
024444-569	09/206,967	12/8 /1998	6,333,099	12/25/2001		
024444-729	09/496,200	2 /2 /2000	6,333,100	12/25/2001		
024444-708	09/449,522	11/29/1999	6,334,482	1 /1 /2002		
024444-900	09/796,364	3 /2 /2001	6,334,493	1 /1 /2002		
024444-703	09/427,757	10/27/1999	6,334,740	1 /1 /2002		
024444-762	09/563,502	5 /3 /2000	6,340,445	1 /22/2002		
024444-798	09/581,994	6 /21/2000	6,341,924	1 /29/2002		
024444-818	09/652,026	8 /31/2000	6,342,291	1 /29/2002		
024444-821	09/722,011	11/27/2000	6,343,898	2 /5 /2002		
024444-761	09/563,501	5 /3 /2000	6,344,170	2 /5 /2002		
024444-747	09/545,448	4 /7 /2000	6,344,264	2 /5 /2002		
024444-759	09/547,339	4 /11/2000	6,344,265	2 /5 /2002		
024444-684	09/460,382	12/13/1999	6,352,194	3 /5 /2002		
024444-560	09/204,354	12/4 /1998	6,352,571	3 /5 /2002		
024444-799	09/589,189	6 /8 /2000	6,370,995	4 /16/2002		
024444-697	09/485,339	5 /15/2000	6,375,707	4 /23/2002		
024444-621	09/735,486	12/14/2000	6,382,885	5 /7 /2002		
024444-777	09/572,309	5 /18/2000	6,382,951	5 /7 /2002		
024444-778	09/563,835	5 /4 /2000	6,383,624	5 /7 /2002		
024444-901	09/796,441	3 /2 /2001	6,394,190	5 /28/2002		
024444-781	09/558,065	4 /26/2000	6,394,709	5 /28/2002		
024444-819	09/652,028	8 /31/2000	6,406,224	6 /18/2002		
024444-756	09/486,603	8 /16/2000	6,413,293	7 /2 /2002		
024444-796	09/579,540	5 /26/2000	6,416,871	7 /9 /2002		
024444-939	09/899,071	7 /6 /2001	6,421,906	7 /23/2002		
024444-770	09/546,607	4 /10/2000	6,423,112	7 /23/2002		
024444-883	09/782,226	2 /14/2001	6,423,403	7 /23/2002		
032944-022	09/612,912	7 /10/2000	6,431,654	8 /13/2002		
024444-813	09/600,922	9 /8 /2000	6,443,672			
024444-814	09/601,357	9 /8 /2000	6,447,218	9 /10/2002		
024444-831	09/664,552	9 /18/2000	6,447,219	9 /10/2002		
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024444-623	09/607,280	6 /30/2000	6,454,498	9 /24/2002		
024444-965	09/962,589	9 /26/2001	6,464,748	10/15/2002		
024444-869	09/720,654	2 /20/2001	6,468,680	10/22/2002		
024444-868	09/697,169	10/27/2000	6,470,989	10/29/2002		
024444-830	09/654,989	9 /5 /2000	6,471,448	10/29/2002		
024444-872	09/713,021	11/16/2000	6,475,307	11/5 /2002		
024444-906	09/810,493	3 /19/2001	6,481,938	11/19/2002		
024444-863	09/690,826	10/18/2000	6,482,759	11/19/2002		
024444-919	09/834,908	4 /16/2001	6,484,823	11/26/2002		
024444-736	09/505,175	2 /16/2000	6,485,679	11/26/2002		
024444-966	09/937,824	12/20/2001	6,488,285	12/3 /2002		
024444-776	09/556,323	4 /24/2000	6,490,793	12/10/2002		
024444-807	09/605,645	6 /29/2000	6,494,069	12/17/2002		
024444-896	09/796,440	3 /2 /2001	6,494,275	12/17/2002		
024444-834	09/711,938	11/15/2000	6,499,544	12/31/2002		
024444-828	09/712,221	11/15/2000	6,502,650	1 /7 /2003		
024444-908	09/880,961	6 /15/2001	6,503,028	1 /7 /2003		
024444-875	09/722,006	11/27/2000	6,508,318	1 /21/2003		
024444-920	09/830,156	6 /29/2001	6,520,231	2 /18/2003		
024444-757	09/486,586	5 /15/2000	6,521,172	2 /18/2003		
024444-622	09/735,490	12/14/2000	6,524,034	2 /25/2003		
024444-735	09/453,880	2 /11/2000	6,524,166	2 /25/2003		
024444-942	09/857,844	10/1 /2001	6,524,169	2 /25/2003		
024444-755	09/486,371	5 /15/2000	6,524,364	2 /25/2003		
024444-912	09/833,730	4 /13/2001	6,527,486	3 /4 /2003		
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024444-944	09/899,161	7 /6 /2001	6,530,728	3 /11/2003		
024444-816	09/644,079	8 /23/2000	6,531,007	3 /11/2003		
024445-065	09/755,694	1 /5 /2001	6,536,693	3 /25/2003		
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024444-841	09/678,740	10/4 /2000	6,541,135	4 /1 /2003		
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024445-075	10/139,366	5 /7 /2002	6,582,162	6 /24/2003		
024444-898	09/796,560	3 /2 /2001	6,582,163	6 /24/2003		
024444-887	09/816,172	3 /26/2001	6,585,169	7 /1 /2003		
024444-892	09/780,505	2 /12/2001	6,595,727	7 /22/2003		
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024444-936	09/859,379	5 /18/2001	6,601,486	8 /5 /2003		
024445-001	10/018,779	3 /5 /2002	6,602,028	8 /5 /2003		
024445-015	10/067,804	2 /8 /2002	6,602,312	8 /5 /2003		
024444-789	09/555,569	7 /13/2000	6,609,859	8 /26/2003		
024445-161	10/322,459	12/19/2002	6,609,953	8 /26/2003		
029777-005	09/809,166	3 /16/2001	6,612,207	9 /2 /2003		
024444-977	09/988,315	11/19/2001	6,616,970	9 /9 /2003		
024444-924	09/843,835	4 /30/2001	6,619,891	9 /16/2003		
024444-943	09/891,345	6 /27/2001	6,619,892	9 /16/2003		
024444-935	09/859,375	5 /18/2001	6,623,202	9 /23/2003		
024445-022	10/058,335	1 /30/2002	6,623,216	9 /23/2003		
024444-952	09/897,051	7 /3 /2001	6,627,007	9 /30/2003		
024444-986	09/984,612	10/30/2001	6,627,049	9 /30/2003		
029777-004	09/719,633	2 /12/2001	6,632,051	10/14/2003		
024444-885	09/787,718	5 /31/2001	6,634,568	10/21/2003		
024444-972	09/984,145	10/29/2001	6,638,609	10/28/2003		
024445-242	10/305,009	11/27/2002	6,655,879	12/2 /2003		
024444-905	09/842,129	4 /26/2001	6,656,976	12/2 /2003		
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024444-953	09/913,271	10/17/2001	6,661,157	12/9 /2003		
024444-870	09/743,090	3 /28/2001	6,673,307	1 /6 /2004		
024445-069	10/155,168	5 /28/2002	6,673,393	1 /6 /2004		US 2003-0008181 A1
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024444-984	09/983,522	10/24/2001	6,695,551	2 /24/2004		US 2002-0057951 A1
024444-975	09/973,809	10/11/2001	6,699,526	3 /2 /2004		US 2002-0051871 A1
024444-951	09/890,568	10/15/2001	6,702,529	3 /9 /2004		
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024444-976	09/973,819	10/11/2001	6,706,327	3 /16/2004		US 2002-0051886 A1
024445-036	10/084,915	3 /1 /2002	6,708,590	3 /23/2004		US-2002-0127067- A1
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024445-102	10/214,709	8 /9 /2002	6,709,204	3 /23/2004		US 2003-0031518 A1
024444-970	09/985,407	11/2 /2001	6,713,172	3 /30/2004		US 2002-0122701 A1
024445-131	10/259,307	9 /30/2002	6,715,967	4 /6 /2004		US 2003-0086767 A1
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024444-964	09/937,380	12/13/2001	6,722,827	4 /20/2004		
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024444-962	09/945,644	9 /5 /2001	6,733,215	5 /11/2004		US 2002-0031410 A1
024445-051	10/097,269	3 /15/2002	6,736,574	5 /18/2004		US 2002-0131829 A1
024444-904	09/796,442	3 /2 /2001	6,749,697	6 /15/2004		US 2001-0031217 A1
024444-874	09/721,984	11/27/2000	6,767,156	7 /27/2004		
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024445-023	10/058,334	1 /30/2002	6,769,843	8 /3 /2004		US 2002-0109061 A1
024445-133	10/261,416	10/2 /2002	6,773,660	8 /10/2004		US 2003-0086809 A1
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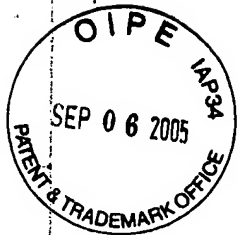
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024445-067	10/125,414	4/19/2002	6,814,526	11/9/2004		US 2002-0154959 A1
024444-995	10/022,246	12/20/2001	6,820,561	11/23/2004		US 2002-0079254 A1
024445-296	10/410,353	4/10/2003	6,829,999	12/14/2004		US 2003-0217909 A1
024445-146	10/278,073	10/23/2002	6,830,604	12/14/2004		US 2003-0047031 A1
024445-081	10/161,640	6/5/2002	6,840,717	1/11/2005		US 2003-0002932 A1
024444-917	09/838,305	4/20/2001	6,854,367	2/15/2005		US 2002-0035902 A1
024445-297	10/410,250	4/10/2003	6,854,398	2/15/2005		US 2003-0221938 A1
024445-419	10/688,966	10/21/2003	6,855,413	2/15/2005		US 2004-0081824 A1
024445-159	10/303,799	11/26/2002	6,857,832	2/22/2005		US 2003-0143043 A1
024445-014	10/073,239	2/13/2002	6,869,688	3/22/2005		US 2002-0155325 A1
024445-083	10/168,375	8/26/2002	6,871,859	3/29/2005		US 2003-0075879 A1
024445-422	10/691,629	10/24/2003	6,878,181	4/12/2005		US 2005-0039574 A1
024445-104	10/220,311	12/3/2002	6,880,437	4/19/2005		US 2003-0185638 A1
024444-983	09/987,941	11/16/2001	6,896,452	5/24/2005		US 2002-0076286 A1
024445-350	10/462,600	6/17/2003	6,896,455	5/24/2005		US 2004-0033116 A1
024445-225	10/291,666	11/12/2002	6,899,495	5/31/2005		US 2003-0103824 A1
024445-441	10/757,401	1/15/2004	6,902,764	6/7/2005		US-2004-0144302- A1
024445-162	10/290,468	11/8/2002	6,905,651	6/14/2005		US 2003-0119667 A1
024444-937	09/861,522	5/22/2001	6,905,652	6/14/2005		US 2002-0021980 A1
024007-061	10/770,514	2/4/2004	6,910,568	6/28/2005		
024445-495	10/918,455	8/16/2004	6,916,137	7/12/2005		US 2005-0047877 A1
024445-251	10/311,540	3/14/2003	6,916,138	7/12/2005		
029777-013	10/291,665	11/12/2002	6,918,718	7/19/2005		US 2003-0108396 A1
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024000-690	418,470	10/10/1989	D329,440	9/15/1992		

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024000-678	406,117	9/12/1989	D330,901	11/10/1992		
024000-884	914,142	7/17/1992	D340,464	10/19/1993		
024000-823	782,458	10/25/1991	D341,604	11/23/1993		
024000-859	858,773	3/27/1992	D343,400	1/18/1994		
024000-883	914,141	7/17/1992	D344,276	2/15/1994		
024000-773	600,970	10/22/1990	D347,642	6/7/1994		
024000-885	914,143	7/17/1992	D348,891	7/19/1994		
024000-995	29/015,515	11/19/1993	D350,549	9/13/1994		
024000-882	914,095	7/16/1992	D351,606	10/18/1994		
024000-988	29/015,197	11/10/1993	D355,661	2/21/1995		
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024000-977	29/011,907	8/18/1993	D357,486	4/18/1995		
024444-083	29/029,662	10/12/1994	D362,859	10/3/1995		
024000-968	29/011,049	7/26/1993	D363,076	10/10/1995		
024000-967	29/011,048	7/26/1993	D364,178	11/14/1995		
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024444-082	29/029,663	10/12/1994	D366,882	2/6/1996		
024444-112	29/036,277	3/16/1995	D367,866	3/12/1996		
024444-109	29/036,274	3/16/1995	D369,362	4/30/1996		
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024444-122	29/037,416	4/12/1995	D371,374	7/2/1996		
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024444-281	29/060,377	9/27/1996	D389,496	1/20/1998		
024444-275	29/060,378	9/27/1996	D389,497	1/20/1998		
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024444-282	29/060,379	9/27/1996	D395,663	6/30/1998		
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024444-773	29/123,540	5 /22/2000	D442,193	5 /15/2001		
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024444-824	29/128,793	8 /31/2000	D442,196	5 /15/2001		
024444-823	29/128,792	8 /31/2000	D443,284	6 /5 /2001		
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024444-805	29/125,242	6 /21/2000	D454,142	3 /5 /2002		
024444-842	29/130,140	9 /29/2000	D454,143	3 /5 /2002		
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The undersigned has reviewed all documents in the chain of title of the patent applications and patents identified above and, to the best of the undersigned's knowledge and belief, title is in the name of the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and patents and appoints:

Customer Number 055794  
DRINKER BIDDLE & REATH LLP  
1500 K Street, N.W.  
Suite 1100  
Washington, DC 2009-12096

with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these patent applications and issued patents.

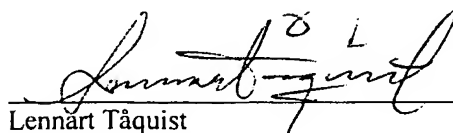
All correspondence regarding these applications should be sent to **Ronald L. Grudziecki** at:

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I hereby declare that all statements made here of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patents, applications or any patents issued on the applications.

Respectfully submitted,

Date: August 5, 2005

  
Lennart Tåquist  
Managing Director  
SANDVIK INTELLECTUAL  
PROPERTY AKTIEBOLAG



Printer Friendly

10/509,658 Percussion drill bit and a button therefor

## Application Data

Application Number:	10/509,658	Customer Number:	-
Filing or 371 (c) Date:	02-23-2005	Status:	Docketed New Case - Ready for Examination
Application Type:	Utility	Status Date:	06-02-2005
Examiner Name:	TSAY, FRANK	Location:	ELECTRONIC
Group Art Unit:	3672	Location Date:	-
Confirmation Number:	2379	Earliest Publication No:	US 2005-0161264 A1
Attorney Docket Number:	024445-511	Earliest Publication Date:	07-28-2005
Class / Subclass:	175/420.100	Patent Number:	-
First Named Inventor:	Fredrik Bjork , Sandviken, (SE)	Issue Date of Patent:	-
Title of Invention:	Percussion drill bit and a button therefor		

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PATENT  
ATTORNEY DOCKET NO. 024445-511

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Fredrik BJORK ) Confirmation No.: 2379  
Application No.: 10/509,658 ) Group Art Unit: 3672  
Filed: 02/23/05 ) Examiner: Tsay, Frank

Title: Percussion Drill Bit and a Button  
Therefor

Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**CHANGE OF CORRESPONDENCE ADDRESS**

Please enter the correspondence address of this application as:

**Customer Number 55694**

A new power of attorney appointing the undersigned is being filed concurrently herewith.  
If there is any fee due in connection with the filing of this paper, please charge the fee to our  
Deposit Account No. 50-0573.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

Dated: September 6, 2005

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